

ABSTRACT OF THE DISCLOSURE

A mobile communication device, preferably in the form of a dual-band cellular phone, includes two communications systems supporting different frequency bands, such as DCS in the 1.8 GHz band and GSM in the 900 MHz band. The mobile communication device includes an antenna, a high-frequency composite unit, DCS and GSM transmitters, and DCS and GSM receivers. The high-frequency composite unit contains a diplexer, DCS and GSM high-frequency switches, DCS and GSM high-frequency filters or notch filters, and a directional coupler.